

# Environmental Permit

Pollution Prevention and Control Act 1999  
Environmental Permitting (England and  
Wales) Regulations 2010



**Ronacrete Limited**  
**2 Mountview Court**  
**310 Friern Barnet Lane**  
**Whetstone**  
**London**  
**N20 0YZ**

Permit Number  
**EPR/3.01/Ronacrete**

## Contents

Introductory note  
**Permit**  
**Conditions**  
Emissions and monitoring  
Silos  
Aggregate delivery and storage  
Loading, unloading and transport  
Roadways and transportation  
Techniques to control fugitive emissions  
Records and training  
Best available techniques  
Table 1; emission limits and monitoring  
Site Plan

## Status Log

Detail	Date	Comment
Application Received	14 <sup>th</sup> July 2004	
Permit V1	18 <sup>th</sup> January 2005	PPC Permit
Revised permit issued	26 <sup>th</sup> February 2013	ERR Permit

## **Introductory Note**

***This introductory note does not form part of your Environmental Permit conditions, however it does provide useful information about the Environmental Permitting Regulations:***

The following Permit is issued under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 (S.I 2010 No.675), (“the EPR”) to operate a scheduled installation carrying out an activity, or activities covered by the description in section 3.1 B (b) of Part 2 to Schedule 1 of the EPR, to the extent authorised by the Permit.

Conditions within this Permit detail Best Available Techniques (BAT), for the management and operation of the installation, to prevent, or where that is not practicable, to reduce emissions.

In determining BAT, the Operator should pay particular attention to relevant sections of the LAPPC Process Guidance note (PG3/15)) and any other relevant guidance. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Note that the Permit requires the submission of certain information to the Regulator and in addition, the Regulator has the power to seek further information at any time under Regulation 60 of the EPR Regulations provided that the request is reasonable.

### **Public Registers**

Information relating to Permits, including the application, is available on public registers in accordance with the EPR. Certain information may be withheld from the public registers where it is commercially confidential, or if it is in the interest of national security to do so.

### **Variations to the Permit**

The Regulator may vary the Permit in the future, by serving a variation notice on the Operator. Should the Operator want any of the conditions of the Permit to be changed, a formal application must be submitted to the Regulator (the relevant forms are available from the Regulator). The Status Log that forms part of this introductory note will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

### **Transfer of the Permit or part of the Permit**

Before the Permit can be wholly or partially transferred to another Operator, an application to transfer the Permit has to be made jointly by the existing and proposed Operators. A transfer will not be approved if the Regulator is not satisfied that the proposed Permit holder will be the person having control over the operation of the installation, or will not comply with the conditions of the transferred Permit. In addition, if the Permit authorises the Operator to carry out a specified waste management activity, the transfer will not be approved if the Regulator does not consider the proposed Permit holder to be a ‘fit and proper person’ as required by the EPR.

### **Talking to us**

Please quote the permit number if you contact the Regulator about this permit. To give a notification under condition 5.1, the Operator should telephone **01279 446111** or any other number notified in writing by the Regulator for that purpose.

# Environmental Permit



**Permit Number: *EPR/3.01/Ronacrete***

**Harlow Council** ("the Regulator") in exercise of its powers under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675), hereby authorises **Ronacrete Limited** ("the Operator") to operate an installation at:

**Ronacrete  
Ronac House  
Flex Meadow  
Harlow, Essex.  
CM19 5TD**

To the extent authorised by and subject to the conditions of this Permit.

Signed

Dated this day

\_\_\_\_\_

26<sup>th</sup> February 2013

**Norah F Nolan**  
**Environmental Health Manager**  
**The Authorised Officer for this purpose**  
Harlow Council, Environmental Health Services, Civic Centre, The Water Gardens, Harlow,  
Essex CM20 1WG. Tel. 01279 446111 Fax. 01279 446767

**Ronacrete Limited, 2 Mountview Court, 310 Friern Barnet Lane, Whetstone, London N20 0YZ** is hereby authorised to operate a blending, packing and batching installation as defined in Schedule 1, Part 2, Chapter 3, Section 3.1 Part B (a) and (b) of The Environmental Permitting (England and Wales) Regulations 2010.

**Address of Installation;** Ronacrete Limited, Ronac House, Flex Meadow, Harlow, Essex CM19 5TD, as marked in red (for identification purposes only) on the attached map, Appendix 1, forming part of the permit.

**Description of the Process.** The operation of the installation involves the blending of sand, cement, polymer and other additives in an enclosed and automated tumble mixer to create a homogenous product. The product is then bagged and sealed in various size paper sacks. The plant consists of seven silos for storage of sand and cement; a load hopper; portable tote bins and a tumble mixer. The main dust extraction unit is fitted with a reverse air jet filter cartridge system, and the two cement silos are each fitted with reverse air jet filter cartridges, with dust extraction also being fitted to the packing point.

Sand and cement is delivered to site by road tankers and transferred to the silos through enclosed feed pipes. Each silo is fitted with WAM spring loaded pressure relief valves and connected to the dust extraction system. Sand and cement is transferred to a receiving hopper by enclosed screw feeders. Portable tote bins are loaded with a blend of materials according to the formulation required. After filling the tote bin is sealed and transferred to the tumble mixer for processing. After mixing, products are passed to the packing point to be loaded into various size bags and sealed.

## **Conditions**

### **Emissions and monitoring**

1. No visible particulate matter shall be emitted beyond the installation boundary.
2. The emission requirements and methods and frequency of monitoring set out in Table 1 shall be complied with. All observations shall be recorded and made available to the regulator on request.

Any monitoring display shall be visible to operating staff at all times. Corrective action shall be taken immediately if any periodic monitoring result exceeds a limit in Table 1, or if there is a malfunction or breakdown of any equipment which might increase emissions. Monitoring shall be undertaken or repeated as soon as possible thereafter and a brief record shall be kept of the main actions taken.

3. All plant and equipment capable of causing, or preventing, emissions and all monitoring devices shall be calibrated and maintained in accordance with the manufacturer's instructions. Records shall be kept of such maintenance and made available on request. All silo pressure relief valves shall be inspected in accordance with the manufacturer's instructions or, every month whichever is the earliest.

## **Silos**

4. Bulk cement shall only be stored within the bulk cement silos.
5. Dust emissions from loading or unloading road tankers shall be minimised by venting to the Dust Extraction System. Delivery tankers shall be fitted with on-board, ( truck-mounted) relief

6. Silos and bulk containers of dusty materials shall not be overfilled. Silos shall be fitted with load cells from which ullage may be determined prior to delivery.
7. Displaced air from pneumatic transfer shall pass through abatement plant prior to emission to air.

### **Aggregates delivery and storage**

8. Dusty materials including dusty wastes shall be sealed within polythene bags and placed in a skip for disposal. No dusty wastes shall be placed and stored in open containers.

### **Loading, unloading and transport**

9. No potentially dusty materials (including wastes) or finished products shall arrive on or leave the site other than in closed containers or closed retail or wholesale bags.

### **Roadways and transportation**

10. All areas where there is regular movement of vehicles shall have a consolidated surface capable of being cleaned. These surfaces shall be kept clean and in good repair.

### **Techniques to control fugitive emissions**

11. The fabric of process buildings shall be maintained as dust tight as reasonably practicable. Whenever practicable, doors shall be kept closed when not in use.

### **Records and training**

12. Written or computer records of all tests and monitoring shall be kept by the operator for at least 18 months. They and a copy of all manufacturer's instructions referred to in this permit shall be made available for examination by the Council. Records shall be kept of operator inspections, including those for visible and odorous emissions.
13. Staff at all levels shall receive the necessary training and instruction to enable them to comply with the conditions of this permit. Records shall be kept of relevant training undertaken and be made available on request of the regulator.

### **Best available techniques**

14. The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this permit.
15. If the operator proposes to make a change in operation of the installation, he must, at least 14 days before making the change, notify the regulator in writing. The notification must contain a description of the proposed change in operation. It is not necessary to make such a notification if an application to vary this permit has been made and the application contains a description of the proposed change. In this condition 'change in operation' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.

Table 1: Emission limits, monitoring and related provisions

Row	Substance	Source	Emission Limit Provisions	Type of Monitoring	Monitoring Frequency
1	Particulate matter	Whole process	No visible airborne emission to cross the boundary where harm or nuisance may be caused.	Operator observations	At least daily
		Silo inlets and outlets	No visible emission	Operator observations	At time of delivery
		Arrestment equipment, or any point where dust contaminated air is extracted from the process to atmosphere, with exhaust flow <100m <sup>3</sup> /min.	No visible emission. Arrestment equipment must be provided with a design guarantee that the equipment can meet 50mg/m <sup>3</sup>	Operator observation Or, Indicative monitoring	At least daily Or, Continuous
Only emissions to atmosphere are required to comply with the emission limits within this table.					